

IN THE CLAIMS:

1. (original) A method comprising:
 - a. providing:
 - i. a solid support coated with an anti-immunoglobulin reagent; and
 - ii. a phage expressed antibody library; and
 - b. contacting said solid support to said phage expressed antibody library.
2. (original) The method of claim 1, wherein said contacting generates an antibody bound solid support.
3. (original) The method of claim 2, further comprising the step of c) contacting said antibody bound solid support with a sample containing antigens.
4. (original) The method of claim 3, wherein said contacting step of step c) generates a solid support containing antibody-antigen complexes.
5. (original) The method of claim 4, further comprising the step of d) identifying one or more antigens contained in said antibody-antigen complexes.
6. (original) The method of claim 4, further comprising the step of e) generating an immunoglobulin molecule that binds at least one antigen found in said antibody-antigen complexes.
7. (original) The method of claim 6, further comprising the step of f) treating a cell with said immunoglobulin.
8. (original) The method of claim 7, wherein said cell comprises a cancer cell.
9. (original) The method of claim 3, wherein said sample comprises a cell extract.

10. (original) The method of claim 9, wherein said cell extract comprises a cancer cell extract.

11. (original) The method of claim 10, wherein said cancer cell extract contains biotinylated proteins.

12. (original) The method of claim 11, wherein said biotinylated proteins comprise biotinylated membrane proteins.

13. (original) The method of claim 2, further comprising the step of contacting said antibody bound solid support with a label.

14. (original) The method of claim 1, wherein said phage expressed antibody library expresses antibody fragments.

15. (original) The method of claim 14, wherein said antibody fragments comprise antibody fragments reactive with surface expressed cancer polypeptides.

16. (original) The method of claim 1, wherein said solid support comprises a membrane.

17. (original) The method of claim 16, wherein said membrane comprises a nitrocellulose membrane.

18. (original) The method of claim 1, wherein said solid surface is further coated with a blocking agent.

19. (original) The method of claim 18, wherein said blocking agent comprises bovine serum albumin.

20. (original) The method of claim 1, wherein said anti-immunoglobulin reagent comprises anti-human antibody.

21. (original) The method of claim 20, wherein said anti-human antibody comprises anti-human kappa antibody.

22. (original) The method of claim 21, wherein said anti-human kappa antibody comprises goat anti-human kappa antibody.

23. (original) The method of claim 2, wherein said antibody bound solid support comprises more bound antibody than a control solid support lacking said anti-immunoglobulin reagent.

24. (original) The method of claim 18, wherein said contacted solid support binds less non-human protein than a control support without said blocking agent.

25-91. (cancelled).